Patent Claims

1. A cartridge for an intraocular lens (L) for use in an injector (I), wherein the cartridge comprises:
an at least approximately plane resting surface (4) for supporting the lens (L) in a partially folded or non-folded state,
an arched surface (11) which adjoins the resting surface (4), and
a sliding element (3) with which the partially folded or non-folded lens (L) supported on the resting surface (4) can be slid along the arched surface (11) and folded, in particular rolled.

2. The cartridge as claimed in claim 1, wherein the cartridge has a through-hole (10) which, during use in the injector (I), is flush with a through-hole (8) of the injector (I) and through which the lens (L) in its folded or rolled state can be injected into a patient's eye, and wherein the arched surface (11) forms at least part of the through-hole (10) of the cartridge.

3. The cartridge as claimed in one of the claims 1 and 2, wherein the cartridge has a longitudinal axis (5) along which the lens (L) can be injected into a patient's eye, and wherein the sliding element (3) can be displaced in a plane perpendicular to said longitudinal axis (5).

4. The cartridge as claimed in claim 3, wherein the cartridge has a case (2), and wherein the sliding element (3) can be pushed into the case (2).

5. The cartridge as claimed in one of claims 3 and 4, wherein the case (2) is designed as a holding element for holding the cartridge when inserting the latter into the injector (I).

6. The cartridge as claimed in one of claims 1 through 5, wherein the sliding element (3) has a guiding surface (30) for sliding the lens (L), wherein the guiding surface (30) has at

least one of the properties from the following group: it has a curved design, it is provided with a coating, it is made of plastic.

7. The cartridge as claimed in one of claims 1 through 6, wherein the sliding element (3) is provided with a snap-fit safety device (20, 31; 17, 32).

8. The cartridge as claimed in claim 1, wherein said cartridge has a single-step or multiple-step hollow, regular cylindrical base body (1), wherein a case (2) for holding the sliding element (3) is arranged on a first longitudinal side of the base body (1), wherein the sliding element (3) is arranged on a second longitudinal side of the base body (1) opposite the first longitudinal side, wherein the resting surface (4) is arranged on the sliding element (3), and wherein the base body (1) has a groove (12) in which the sliding element (3) can slide in the direction of the case (2).

9. The cartridge as claimed in claim 8, wherein an upper stop edge (13) is provided which limits a path of displacement of the sliding element (3) into the case (2), wherein the lens (L), upon displacement of the sliding element (3), slides along in a guided manner under this stop edge (13) for rolling or folding purposes.

10. The cartridge as claimed in claim 1, wherein the cartridge has a single-step or multiple-step hollow, regular cylindrical base body (1), wherein a case (2) for holding the sliding element (3) is arranged on a first longitudinal side of the base body (1), wherein the sliding element (3) can be pushed from this longitudinal side into the case (2), wherein the resting surface (4) is arranged on the sliding element (3) or on the case (2), and wherein the case (2) or the base body (1) has a guiding surface (21) under which the lens (L) slides along the sliding element (3) in a guided manner for rolling or folding purposes.

11. The cartridge as claimed in claim 10, wherein the guiding surface (21) is an inner, at least approximately plane surface of the case (2).

12. The cartridge as claimed in one of claims 8 through 11, wherein the base body (1) has a single-piece design.

13. The cartridge as claimed in one of claims 1 through 7, wherein the cartridge has a single-step or multiple-step hollow, regular cylindrical base body (1), wherein two wings (14, 15) are arranged on the base body (1) so as to swivel parallel to the longitudinal axis, said wings protruding like plates on a longitudinal side of the base body (1), and wherein the sliding element (3) is arranged on a first of these two wings (14, 15).

14. The cartridge as claimed in claim 13, wherein the first wing (14) forms the resting surface (4), and the second wing (15) can be folded onto the first wing (14) so that the lens (L) supported on the resting surface (4) is held between the two wings, and wherein the sliding element (3) can be pushed in between the two folded-together wings (14, 15) for the purpose of rolling or folding the lens (L).

15. The cartridge as claimed in claim 14, wherein at least one of the wings, preferably both wings (14, 15), have outer guiding grooves (16) along which the sliding element (3) can be displaced in a guided manner.

16. The cartridge as claimed in one of claims 13 through 15, wherein the sliding element (3) is provided, on at least one side, preferably on two opposite sides, with snap-fit catches (32) which, in the inserted state, engage in snap-fit grooves (17) arranged laterally on the wings (14, 15).

17. The cartridge as claimed in claim 16, wherein the snap-fit catches (32) are detachable.

18. The cartridge as claimed in one of claims 14 through 17, wherein the sliding element (3), in the inserted state, rests elastically against a stop element (18) of the first wing (14).